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Application/Control No.

10/754,178

Examiner

Bradley K. Smith

Applicant(s)/Patent under Reexamination

TSAI ET AL.

Art Unit

2891

| √ | Rejected |
|---|----------|
| 1 | Allowed  |

| - | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| ÷ | Restricted                     |

| N | Non-Elected  |
|---|--------------|
| _ | Interference |

| A | Appeal   |
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| 0 | Objected |

|          |                            |          |           |              |  |              |          | 1        |  |              |  |  |
|----------|----------------------------|----------|-----------|--------------|--|--------------|----------|----------|--|--------------|--|--|
| Claim    |                            | Data     |           |              |  |              |          |          |  |              |  |  |
| - Cla    | Date                       |          |           |              |  |              |          |          |  |              |  |  |
| Finat    | Original                   | 711/07   |           |              |  |              |          |          |  |              |  |  |
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|          | 1<br>2<br>3<br>4<br>5<br>6 | =        | _         | _            | _  | _            | _        | _        | _  |              |  |  |
|          | 2                          | -        | _         | _            | _  |              | _        |          | $\vdash$   | _            |  |  |
|          | 3                          | Н        | <u> </u>  |              | _  | _            |          | -        | H  |              |  |  |
|          | 4                          | ⊬        | ├-        | -            |  |              | -        | Н        | -  | _            |  |  |
|          | 6                          | ⊬        |           | <del> </del> |  |              |          | Н        | ⊢  | _            |  |  |
|          | 7                          | ╟        | ├         | -            | -  |              |          | $\vdash$ | -  | _            |  |  |
|          |                            | ╫        | $\vdash$  |              | _  | _            |          |          |  |              |  |  |
|          | 8<br>9                     | ╫        | $\vdash$  | _            |  | -            |          |          |  |              |  |  |
|          | 10                         | 厂        | _         |              |  |              |          |          |  |              |  |  |
|          | 11                         |          | Г         |              |  |              |          |          |  |              |  |  |
|          | 12                         |          |           |              |  |              |          |          |  |              |  |  |
|          | 13<br>14<br>15             |          |           |              |  |              |          |          |  |              |  |  |
|          | 14                         | Ш        |           |              | L  |              |          |          |  |              |  |  |
|          | 15                         | 1        |           |              | L.   |              |          |          |  |              |  |  |
|          | 16<br>17                   | Щ        |           | <u> </u>     |  |              |          |          | <u> </u>   |              |  |  |
|          | 17                         | Щ        |           | <u> </u>     | <u> </u>   | _            | _        | _        | _  | _            |  |  |
| L        | 18<br>19                   | Ш        |           |              | <u> </u>   | <u> </u>     |          | L.       | L  |              |  |  |
|          | 19                         | 1        |           |              | <u> </u>   | L            |          |          |  |              |  |  |
|          | 20                         | 1        |           |              | <u> </u>   | <u> </u>     |          | -        | -  |              |  |  |
|          | 21                         | H        |           |              | H  | _            |          |          | _  | <del> </del> |  |  |
|          | 21<br>22<br>23             | ╫╴       |           |              | ├─   | $\vdash$     |          | H        | ┝  | $\vdash$     |  |  |
|          | 24                         | ╫        |           | -            | ┢  | H            | _        |          |  | $\vdash$     |  |  |
|          | 24<br>25                   | Н        |           |              |  | $\vdash$     |          | ┢        | ┪  | -            |  |  |
|          | 26                         | t        |           |              |  |              |          |          | <u> </u>   | $\vdash$     |  |  |
|          | 27                         | ~        |           |              |  |              |          |          |  |              |  |  |
|          | 28                         | I        |           |              |  |              |          |          |  |              |  |  |
|          | 28<br>29<br>30             |          |           |              |  |              |          |          |  |              |  |  |
|          | 30                         | $\prod$  |           |              |  |              |          |          |  |              |  |  |
|          | 31                         | Ц        |           | _            | _  | _            | _        |          |  |              |  |  |
|          | 32<br>33                   | v        |           | _            | <u> </u>   | _            |          |          |  | _            |  |  |
|          | 33                         | <u> </u> | ·         | _            | <u> </u>   | _            | _        | <u> </u> |  |              |  |  |
| <u> </u> | 34                         | <u> </u> | ļ         | _            | ┝  | ┝            |          | <u> </u> |  | <u> </u>     |  |  |
| -        | 35<br>36                   | -        | -         | -            | <u> </u>   | -            | <u> </u> | ├—       | -  | -            |  |  |
| <u> </u> | 37                         | $\vdash$ | ├         | ├-           | <del>                                     </del> | -            | $\vdash$ | $\vdash$ |  | $\vdash$     |  |  |
|          | 37<br>38                   | ┢        | -         |              | H  |              | $\vdash$ | ┢        | <del>                                     </del> | -            |  |  |
|          | 39                         | -        | $\vdash$  | ┢            | $\vdash$   | <del> </del> | $\vdash$ | $\vdash$ | $\vdash$   |              |  |  |
|          | 40                         | -        |           | $\vdash$     | _  | -            | $\vdash$ | $\vdash$ |  |              |  |  |
|          | 41                         |          |           |              |  | _            |          |          |  |              |  |  |
|          | 42                         |          | Г         | Г            | T -  | Г            | Т        |          |  |              |  |  |
|          | 43                         |          |           |              |  |              |          |          |  |              |  |  |
|          | 44                         |          |           |              |  |              |          |          |  |              |  |  |
|          | 45                         |          |           |              |  |              |          |          |  |              |  |  |
|          | 46                         | L.       | _         |              | <u>_</u>   | _            | L        | <u> </u> | L_   |              |  |  |
|          | 47                         | L        | _         | <u> </u>     | <u> </u>   | <u>L</u> .   | <u> </u> |          | <u> </u>   |              |  |  |
| ļ        | 48                         | <u> </u> | <u> </u>  | L.           | <u> </u>   | <u> </u>     | <u> </u> |          | <u> </u>   | <u> </u>     |  |  |
| <u> </u> | 49                         | <u> </u> | <u> </u>  | <u> </u>     | <u> </u>   | <u> </u>     | <u> </u> | <b> </b> | <u> </u>   | <u> </u>     |  |  |
| I        | 50                         | I        | I         | l            | l  | ı            | 1        | l        |  | l '          |  |  |

| . Cla    | im             | _      |           |              | -            | Date     | <br>9    |          |          |          |
|----------|----------------|--------|-----------|--------------|--------------|----------|----------|----------|----------|----------|
|          | 1 1            |        |           |              |              |          |          |          |          |          |
| Final    | Original       |        |           |              |              |          |          |          |          |          |
| <u> </u> |                |        |           |              |              |          |          |          |          |          |
|          | 51             |        |           |              |              |          |          |          |          |          |
|          | 52             | Ė      |           |              |              |          |          |          |          |          |
|          | 51<br>52<br>53 |        |           |              |              |          |          |          |          |          |
|          | 54             |        |           |              |              |          |          |          |          |          |
|          | 54<br>55       | $\neg$ |           | _            |              | -        | Н        |          |          |          |
|          | 56             |        |           | -            | -            | -        | -        |          |          |          |
| -        | 57             |        |           |              | $\vdash$     |          | -        |          |          |          |
| <b>-</b> | 58             | -      | _         | -            | $\vdash$     | $\vdash$ | _        |          |          |          |
| -        | 50             |        |           | _            |              |          |          | _        | -        | -        |
| -        | 59<br>60       | -      |           |              | -            |          | -        |          | -        |          |
| -        | 61             | _      |           | -            | H            |          | $\vdash$ |          |          |          |
| -        | 65             |        |           | $\vdash$     |              | -        | $\vdash$ |          |          |          |
|          | 62<br>63       |        |           | $\vdash$     | -            |          | $\vdash$ | -        |          |          |
| $\vdash$ | 64             |        | -         | ⊢-           | -            | H        | Н        |          |          |          |
| -        | 64<br>65       | _      |           | <del> </del> | <del> </del> | $\vdash$ | Н        |          |          |          |
| -        | 66             |        |           | <del> </del> |              | -        |          |          |          | —        |
| -        | 67             |        |           | <del> </del> | $\vdash$     |          |          |          |          |          |
| $\vdash$ | 68             |        | -         |              | H            | H        | H        |          |          | -        |
| <u> </u> | 69             |        | -         | _            | $\vdash$     |          | _        |          |          | -        |
| -        | 70             |        |           |              | ├─           | -        |          | _        |          |          |
| -        | 71             |        |           | ├─           | ├            | -        | -        | -        | _        |          |
| -        | 72             |        |           | -            | -            | -        |          |          |          |          |
| <b>-</b> | 72<br>73       | -      |           | $\vdash$     |              | -        | -        |          |          |          |
|          | 74             |        |           | $\vdash$     | H            | <u> </u> | $\vdash$ |          |          |          |
| -        | 75             |        |           | $\vdash$     |              |          | _        |          |          |          |
|          | 76             |        |           |              |              |          |          |          |          |          |
|          | . 77           |        |           |              |              |          |          |          |          |          |
|          | 78             |        |           |              |              |          |          |          |          |          |
|          | 79             |        |           |              |              |          |          |          |          |          |
|          | 80             |        |           |              |              |          |          |          |          |          |
|          | 81             |        |           |              |              |          |          |          |          |          |
|          | 82             |        |           |              | _            |          |          |          |          |          |
|          | 83             |        |           |              |              |          |          |          |          |          |
|          | 84             |        |           |              |              |          |          |          |          |          |
|          | 85             |        |           |              | Г            |          |          |          |          |          |
|          | 86             |        |           |              |              |          |          |          |          |          |
|          | 87             |        |           |              |              |          |          |          |          |          |
|          | 88             |        |           |              |              |          |          |          |          |          |
|          | 89             |        |           |              | L            |          |          |          |          |          |
|          | 90             |        |           |              |              |          |          |          |          |          |
|          | 91             |        |           |              |              |          |          |          |          |          |
|          | 92             |        |           |              |              | L        |          |          | L_       | _        |
|          | 93             |        |           | L_           | L            |          | _        |          | _        | _        |
| <u> </u> | 94             |        | L_        | <u> </u>     | L_           | _        | <u> </u> | <u> </u> | <u>_</u> | <u> </u> |
| <u> </u> | 95             |        | $\square$ | <u> </u>     | L.           | <u> </u> | <u> </u> | L_       |          | _        |
| <u> </u> | 96             |        |           | <u> </u>     | $\vdash$     | <u> </u> | <u> </u> | _        | _        | L        |
| <u> </u> | 97             |        |           | <u> </u>     | <u> </u>     | <u> </u> | <u> </u> | _        | _        | L        |
|          | 98             |        | _         | _            | L            | <u> </u> | $\vdash$ | <u> </u> | <u> </u> | _        |
| -        | 99             |        | <u> </u>  | <u> </u>     | <u> </u>     | <u> </u> | <u> </u> | L-       | <u> </u> | <u> </u> |
| ı        | 100            |        |           | 1            | l            | ı        |          | 1        | l        | ı        |

| Claim        |  | Date         |              |  |                |               |  |              |              |                 |  |
|--------------|--|--------------|--------------|--|----------------|---------------|--|--------------|--------------|-----------------|--|
|              |  |              |              |  |                |               |  |              |              |                 |  |
| ā            | Original   |              |              |  |                |               |  |              |              |                 |  |
| Final        | rig  |              |              |  |                |               |  |              |              |                 |  |
|              | 0  |              |              |  |                |               |  |              |              |                 |  |
|              | 101  | -            |              |  | -              |               | Н  |              | Т            | $\dashv$        |  |
|              | 101<br>102   |              |              | $\vdash$   |                |               |  |              |              | $\neg$          |  |
|              | 103  | Η-           | _            | $\vdash$   |                | -             | $\vdash$   |              |              | 一               |  |
|              | 104  | -            | _            | <del>                                     </del> |                |               | H  |              | -            | _               |  |
|              | 103<br>104<br>105  | -            | _            |  |                | _             | $\vdash$   |              |              |                 |  |
|              | 106  | -            |              |  | _              |               | $\vdash$   |              |              |                 |  |
|              | 107  | ├            |              |  |                | -             | $\vdash$   |              | -            |                 |  |
|              | 107  | $\vdash$     | _            | -  | -              |               |  | H            |              |                 |  |
|              | 106<br>107<br>108<br>109   |              |              | -  | _              |               | H  | <u> </u>     | -            |                 |  |
|              | 110  |              | _            | $\vdash$   |                |               | $\vdash$   | $\vdash$     | _            |                 |  |
| -            | 110<br>111<br>112<br>113   | $\vdash$     | _            | <del>                                     </del> |                |               | -  | $\vdash$     |              | H               |  |
|              | 112  | $\vdash$     | $\vdash$     | $\vdash$   | Ι              | H             | H  | $\vdash$     |              |                 |  |
| -            | 112  |              | -            | -  | H              | $\vdash$      | $\vdash$   | $\vdash$     | _            | $\dashv$        |  |
| <b></b>      | 113  |              | -            | -  | -              | <del>  </del> | -  | -            | -            | Н               |  |
| <b></b> -    | 114  | $\vdash$     | -            |  | $\vdash$       | -             | ├  | ļ            | -            | $\dashv$        |  |
| <del></del>  | 110  |              | _            | <u> </u>   | $\vdash$       | ├             | ├-   |              | $\vdash$     | Н               |  |
| <u> </u>     | 114<br>115<br>116<br>117<br>118<br>119<br>120<br>121<br>122<br>123<br>124<br>125<br>126<br>127<br>128<br>129<br>130<br>131 | $\vdash$     | _            | <u> </u>   |                | -             | $\vdash$   | $\vdash$     | $\vdash$     | $\vdash\vdash$  |  |
|              | 117  |              | <u> </u>     |  | <del>  -</del> | _             | $\vdash$   | <u> </u>     | H            | -               |  |
| <u> </u>     | 118  |              | <u> </u>     | <u> </u>   | <del> </del>   | <u> </u>      |  | ⊢            |              | $\vdash$        |  |
| <u> </u>     | 119  |              | <u> </u>     |  | _              | <u> </u>      | -  |              |              | Н               |  |
| <u> </u>     | 120  | -            | -            |  | _              | _             | -  |              | _            | $\vdash\vdash$  |  |
| ļ            | 121  | <u> </u>     |              | ⊢  | _              | <u> </u>      | <u> </u>   |              | -            | Н               |  |
|              | 122  |              | <u> </u>     |  | <u> </u>       | <u> </u>      | -  |              |              | $\vdash \vdash$ |  |
|              | 123  | -            |              | <del> </del>                                     | ļ              | ļ             | <u> </u>   |              |              |                 |  |
| <u> </u>     | 124  | <u> </u>     |              | -  | <u> </u>       | ├—            | <u> </u>   |              | -            | $\vdash$        |  |
|              | 120  | <u> </u>     |              | -  | <u> </u>       | ├—            | -  | -            | H            | $\vdash$        |  |
| -            | 120  | <u> </u>     | -            | -  | ├-             |               | -  |              | _            | $\vdash$        |  |
|              | 127  |              |              | -  | _              |               | -  |              | <u> </u>     |                 |  |
| <u> </u>     | 120  | ⊢            | _            | ├-   |                | _             |  | $\vdash$     | ├            | $\vdash$        |  |
|              | 129  | <u> </u>     | <u> </u>     | <u> </u>   | _              | <u> </u>      | -  | ļ            | <u> </u>     | $\vdash$        |  |
| <u> </u>     | 130  | <u> </u>     | -            |  |                | <del> </del>  | <del>                                     </del> |              | <u> </u>     |                 |  |
|              | 131  | -            | _            | _  | <u> </u>       | _             | _  | <u> </u>     | ├            |                 |  |
|              | 132  | _            | _            | L  | _              | _             | _  |              |              | _               |  |
| <u> </u>     | 133<br>134<br>135  |              | <u> </u>     | $\vdash$   |                | <u> </u>      | <b>—</b>   | <u> </u>     | <u> </u>     | Ш               |  |
| ļ            | 134  | <u> </u>     | <u> </u>     | <del> </del>                                     |                | _             |  | <u> </u>     | $\vdash$     | Щ               |  |
| ļ            | 135  | ├—           | <u> </u>     | ├—   | <u> </u>       |               | -  | ├            | <u> </u>     | $\vdash \vdash$ |  |
| <u> </u>     | 136  | <del> </del> | <u> </u>     | $\vdash$   | <u> </u>       | _             | $\vdash$   | ├            | <del> </del> | $\vdash \vdash$ |  |
| <u> </u>     | 137  | ├            | <del> </del> | ├-   | <u> </u>       | -             | ₩  | <u> </u>     | <u> </u>     | $\vdash \vdash$ |  |
| <u> </u>     | 138<br>139   |              |              | <u> </u>   | -              | <u> </u>      |  | <del> </del> | ├            | $\vdash \vdash$ |  |
| <u> </u>     | 139  | <del> </del> |              | $\vdash$   | <u> </u>       | <u> </u>      | -  | ├            | ├—           | Н               |  |
| <del> </del> | 140  | $\vdash$     | -            | ├—   | <del> </del>   | -             | -  | $\vdash$     | _            | Н               |  |
| <u> </u>     | 141  | ⊢            | ├—           |  |                | -             | ₩  | ⊢            | -            | Н               |  |
| <u> </u>     | 142  | $\vdash$     | $\vdash$     |  | ├—             | -             |  | -            | -            | Н               |  |
| <b> </b>     | 143  | <del> </del> | ├-           | ├  | ├              | ļ             | <b>.</b>   | <u> </u>     | ├            | Н               |  |
| <u> </u>     | 144  | <u> </u>     | ├            | <del> </del>                                     | -              | _             |  | <u> </u>     | <u> </u>     | Н               |  |
| <u> </u>     | 145  | <del> </del> |              | <u> </u>   | ├              | ├             | ├—   | <del> </del> |              | $\vdash \vdash$ |  |
|              | 146  | <del> </del> | $\vdash$     | <u> </u>   | -              | <del> </del>  |  | <del> </del> | -            | Н               |  |
|              | 147  | <u> </u>     | ├-           | <u> </u>   | <u> </u>       | -             | _  | $\vdash$     | <u> </u>     | Щ               |  |
| <u> </u>     | 148  | <u> </u>     | <u> </u>     | ₩  | <u> </u>       | <del> </del>  | ⊢-   | ├            | <del> </del> | $\vdash \vdash$ |  |
|              | 149  | <u> </u>     | <u> </u>     | <u> </u>   | <u> </u>       |               | -  | <u> </u>     | <u> </u>     | Ш               |  |
| L            | 150  | L            | L            |  | <u>L</u>       | <u> </u>      |  |              | <u>L</u>     | Ш               |  |